WHAT IS CLAIMED IS:

In an asynchronous transfer mode (ATM) management network, having the following functional areas: fault management, performance management, configuration management, security management and accounting management, the improvement comprising:

- (a) using an inference engine fault manager including correlation of ATM switch failures and traps and automating recommend courses of corrective action, and
- (b) using an inference engine for said performance management of said ATM management network.

adb)